RACU 6 DEACTIVATION

NOTE
This procedure assumes that MDM N1-2 is Primary and MDM N1-1 is Secondary.

1. INHIBIT NCS AUTORETRY

PCS Node 1: C&DH: MDM N1-2
Primary NCS MDM Node 1
'Software Control'

sel MDM Utilities
sel Commands

cmd Prim_NCS_Inh_NCS_Retry **Execute**

Primary_NCS_MDM_Utilities
√Auto Retry Inhibit - X

2. COMMAND N1-1 TO DIAGNOSTICS

NOTE
Expect PCS FDA 'CDH MDM N1-2 detected RT fail MDM N1-1 - PMA1'.

Node 1: C&DH: MDM N1-1
Secondary NCS MDM Node 1
'MDM Major State'

sel Commands
cmd N1_1_MDM_Cmd_Xsitn_Dgnstc_State_Arm **Execute**
cmd N1_1_MDM_Xsitn_Dgnstc_State **Execute**

3. REMOVE POWER FROM N1-1 MDM
'RPCM N1RS1 A'

sel RPC 11
sel Commands
cmd Open **Execute**
√Position - Op

4. DISABLE RT DEVICES I/O ON EPS BUSES

PCS

Node 1: C&DH: MDM N1-2

Primary NCS MDM Node 1

sel UB EPS_N1-14
sel RT Status
sel Inhib_RT Commands

PRIM_NCS_UB_EPS_N1_14_Inhib

cmd Inhib_RPCM_N1RS1_A **Execute**
cmd Inhib_RPCM_N1RS1_B **Execute**
cmd Inhib_RPCM_N1RS1_C **Execute**

RT Status

√RT Inhibit 20, 19, 18 (three) – X

5. COMMAND FGB RACU 6 OFF

NOTE

RACU commands sent from Orbiter will not work if FGB relay matrix is in **MCC-M** command state (COMMANDING - INH). Crew can follow ground activities using the "If ENA" block below.

CRT

SM 204 FGB

√COMMANDING - INH (Moscow Commanding)

If COMMANDING - INH

Crew ⇓ **MCC-H**: "Ready for RACU 6 Power OFF"
MCC-H ⇒ **MCC-M**: "Go for RACU 6 Power OFF"

RUSSIAN GROUND	AOS	LOS
Pass 1	___/___:___:___	___/___:___:___
Pass 2	___/___:___:___	___/___:___:___

MCC-M ⇒ **MCC-H** ⇑ Crew:
"RACU 6 Powered Off at __/___:___:__ GMT"

If COMMANDING - ENA

MCC-M ⇒ **MCC-H**: "Go for RACU 6 Power OFF"
MCC-H ⇑ Crew: "Moscow GO for RACU 6 Power OFF"

On MCC GO

MCDS

SM 204 FGB

RACU 6 Power OFF VIA NCS – ITEM 8 EXEC
√RACU 6 Input Amps < 2.0 A
√Output Volts: 0.0 V
√RACU 6 Power Off - *

PCS

nav FGB: EPS
FGB: EPS: RACU Details
RACU Details

sel Commands
cmd RACU6 - Off **Execute**
√RACU 6 Converter - Off
√RACU 6 Input Current < 2.0 A
√RACU 6 Output Voltage ~0.0 V